

Leaf & Fruit Shapes*
of Keystone & Significant Woody Genera in the Mid-Atlantic Region**

	Genus	Typical Leaf Shape(s)	Ovate	Typical Fruit Shape	Fruit Type
1	<i>Quercus</i> (oak) 513 lepidopterans	lobed or linear, <i>elliptic</i> , oblanceolate, narrowly ovate , obovate , spatulate	Yes	ovoid , <i>ellipsoid</i> , oblong, (sub)globose, or some combination thereof	Nut
2	<i>Prunus</i> (cherry/plum) 390 lepidopterans	shapes numerous incl. ovate , obovate	Yes	globose to ovoid , ovoid-oblong , <i>ellipsoid</i> , obovoid	Drupe
3	<i>Betula</i> (birch) 321 lepidopterans	ovate to deltate, <i>elliptic</i> , or nearly orbiculate	Yes	winged	Samara
4	<i>Salix</i> (willow) 316 lepidopterans	lanceolate or linear	No	obclavate to ovoid or <i>ellipsoid</i>	Capsule
5	<i>Acer</i> (maple) 274 lepidopterans	palmate	No	winged	Samara
6	<i>Malus</i> (crabapple) 264 lepidopterans	<i>elliptic</i> , ovate , obovate , <i>oval</i> , triangular- ovate , lanceolate, ovate-oblong , oblong	Yes	globose, depressed-globose, obovoid , oblong	Pome
7	<i>Populus</i> (poplar) 259 lepidopterans	often ovate to triangular to circular	Yes	ovoid or spherical	Capsule
8	<i>Vaccinium</i> (blueberry) 250 lepidopterans	<i>elliptic</i> , ovate to oblong-lanceolate, spatulate	Yes	ovoid to globose	Berry
9	<i>Carya</i> (hickory) 239 lepidopterans	leaflets ovate , obovate , <i>elliptic</i> , ovate-lanceolate	Yes	subglobose to oblong to obovoid enclosed in husk	Nut
10	<i>Pinus</i> (pine) 238 lepidopterans	N/A	No	N/A	Seed Cone
11	<i>Alnus</i> (alder) 190 lepidopterans	ovate to <i>elliptic</i> or obovate	Yes	winged	Samara
12	<i>Ulmus</i> (elm) 180 lepidopterans	ovate to obovate or <i>elliptic</i>	Yes	winged	Samara
13	<i>Rubus</i> (blackberry) 148 lepidopterans	reniform to orbiculate	No	globose to hemispheric or cylindric	Aggregate Drupe
14	<i>Tilia</i> (basswood) 143 lepidopterans	ovate to orbicular with cordate to truncate base	Yes	flattened	Nutlet
15	<i>Crataegus</i> (hawthorn) 142 lepidopterans	ovate to narrowly <i>elliptic</i> or obovate	Yes	suborbicular to <i>ellipsoid</i> or pyriform	Pome
16	<i>Juglans</i> (walnut) 137 lepidopterans	leaflets ovate to lanceolate or ovate /oblong-lanceolate	Yes	subglobose to globose	Nut/ Drupe
17	<i>Fraxinus</i> (ash) 131 lepidopterans	leaflets ovate or <i>elliptic</i> to lanceolate	Yes	winged	Samara
18	<i>Castanea</i> (chestnut) 129 lepidopterans	lanceolate, oblong	No	spiny bur – ovoid within bur	Nut
19	<i>Fagus</i> (beech) 128 lepidopterans	ovate or narrowly- ovate , rarely obovate	Yes	cupule	Nut
20	<i>Corylus</i> (hazel) 115 lepidopterans	broadly ovate with often cordate bases	Yes	globose to ovoid	Nut
21	<i>Rosa</i> (rose) 113 lepidopterans	cordate, <i>elliptic</i> , lanceolate, ovate-lanceolate , oblong, obovate , <i>oval</i> , orbiculate	Yes	globose, ovoid-obovoid , <i>ellipsoid</i> , oblong, pyriform, or urceolate	Hip
22	<i>Cornus</i> (dogwood) 110 lepidopterans	ovate , <i>elliptic</i> , obovate , lanceolate	Yes	globose, subglobose, ovoid , or <i>ellipsoid</i>	Drupe
23	<i>Viburnum</i> 102 lepidopterans	<i>elliptic</i> , oblong, <i>oval</i> , ovate , obovate , orbicular	Yes	ovoid , obovoid , <i>ellipsoid</i> , or globose	Drupe
24	<i>Amelanchier</i> (serviceberry) 100 lepidopterans	<i>elliptic</i> , ovate , <i>oval</i> , oblanceolate, oblong, oblong- ovate , obovate , quadrangular, orbiculate	Yes	mostly globose	Pome

*Leaf and fruit shape descriptions from Flora of North America and Flora of Virginia.
**Lepidopteran count was determined using the “[Native Plant Finder](#),” [National Wildlife Federation](#), zip code 22206 for the Arlington County Virginia Cooperative Extension Office. Elsewhere in the Mid-Atlantic Region, this list of woody genera should remain essentially the same, but the lepidopteran count could be higher or lower depending on the zip code, resulting in a change in genera ranking.